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**Tihon**

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(54) **FEMALE INCONTINENCE PREVENTION  
DEVICE**

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128/885, 886, DIG. 25; 600/29-31; 604/105**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,738,667 4/1988 Galloway ..... 604/281

5,176,664 1/1993 Weisman ..... 604/317  
5,352,182 10/1994 Kalb et al. .... 600/30  
5,562,622 10/1996 Tihon ..... 604/105  
5,738,654 4/1998 Tihon ..... 604/105

**FOREIGN PATENT DOCUMENTS**

WO 97/32542 9/1997 (WO) ..... A61F/2/00

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(57) **ABSTRACT**

The disclosure provides an incontinence prevention device provided with a loop type retention structure. The retention structure is in the form of a closed loop attached to the distal end of a shaft. The shaft is configured to function as an incontinence prevention device. The retention structure projecting laterally from and configured non-concentrically about the longitudinal axis of the shaft retains the incontinence prevention device within the patient. The retention structure may additionally include a protuberance extending therefrom. There is further provided a method for using the urethral catheter.

**14 Claims, 5 Drawing Sheets**

